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ABSTRACT

The Arrowhead Community College Region (ACCR), in Minnesota, conducted a follow-up study of its 1991 graduates designed to collect information on whether the graduates had found employment, were continuing their education, or had another placement status. Each college in the ACCR contacted its graduates to determine placement status, resulting in a 97% response rate. In addition, a placement survey was mailed to all 993 graduates, and after a telephone follow-up, a 75% response rate (n=746) was attained. Selected findings included the following: (1) in 1991, 536 students earned an Associate in Arts (AA) degree, 104 earned an Associate in Science (AS) degree, 270 earned an Associate in Applied Science (AAS) degree, and 83 earned 1-year certificates; (2) the 993 graduates represented a 65.5% increase over the previous year; (3) 80.6% of the AA graduates, 25% of the AS graduates, 30% of the AAS graduates, and 36% of the certificate graduates were continuing their education; (4) 96% of the AS graduates, 85% of the AAS graduates, and 90% of the certificate graduates eligible for placement found jobs; (5) 64.7% of the respondents indicated that the education they had received was helpful or very helpful in their work; and (6) over 75% of the working graduates indicated that they did not use any assistance from their college to find employment. Various data tables, including tables providing information aggregated by each member college of the ACCR (i.e., Hibbing, Duluth Center, Itasca, Mesabi, Fond du Lac Center, Rainy River, and Vermilion), and the survey instrument are provided. (MAB)

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ARROWHEAD
COMMUNITY
COLLEGE
REGION

THE PLACEMENT SURVEY
FINAL REPORT

U.S. DEPARTMENT OF EDUCATION
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1990 - 1991

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JC 920 308

Prepared by the
Arrowhead Community College Region
Office of Institutional Research
Stephen C. Von Wald, Director

September 1992

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Office of Institutional Research

RESEARCH SUMMARY

An Abstract Of A Research Report

THE PLACEMENT SURVEY REPORT 1990 - 1991
SEPTEMBER 1992

In 1991, 536 students (unduplicated headcount) earned an AA degree, 104 earned an AS degree, 270 earned an AAS degree, and 83 earned one-year certificates from a total of 993 graduates.

The 993 graduates represent a 65.5% increase from the 600 graduates in 1981.

There was a 97% response rate to the placement follow-up which resulted in the following findings:

- ✓ 420 (80.6%) of the 521 surveyed who earned an AA degree are students continuing their education.
- ✓ The majority of the students continuing their education are enrolled at Bemidji State University (157), with UMD, St. Cloud State, St. Scholastica, and UW-Superior also enrolling significant numbers of Arrowhead AA graduates.
- ✓ 25% of the AS graduates, 30% of the AAS graduates, and 36% of the one-year program graduates are students continuing their education.
- ✓ Of the AS degree graduates that are eligible for placement, 96% found jobs.
- ✓ Of the AAS degree graduates eligible for placement, 85% were placed.
- ✓ 90% of the graduates earning one-year degrees that are eligible for placement found employment.

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THE PLACEMENT SURVEY REPORT

1990 - 1991

FINAL REPORT

INTRODUCTION

Each year graduates of Arrowhead colleges are surveyed to collect information on whether the graduates found employment, were continuing their education, or had another placement status. This information is used to identify educational and employment patterns of Arrowhead graduates after they leave our colleges. The summary of information from the Placement Survey is also used to inform current students about the job market.

This report presents information collected in two ways. Seeking a 100% response rate, each college contacted their graduates to determine their current placement status. This information is discussed on pages 2 and 3, the first two sections of this report, and is reported in summary form on pages S1 to S11.

A Placement Survey questionnaire was also mailed to graduates and, if necessary, a follow-up telephone contact was made. Seventy-five percent (746) of the total 993 Arrowhead graduates responded to the Placement Survey questionnaire.

Next year, the data collection and reporting format will change to conform with the form directed by the Minnesota Higher Education Coordinating Board.

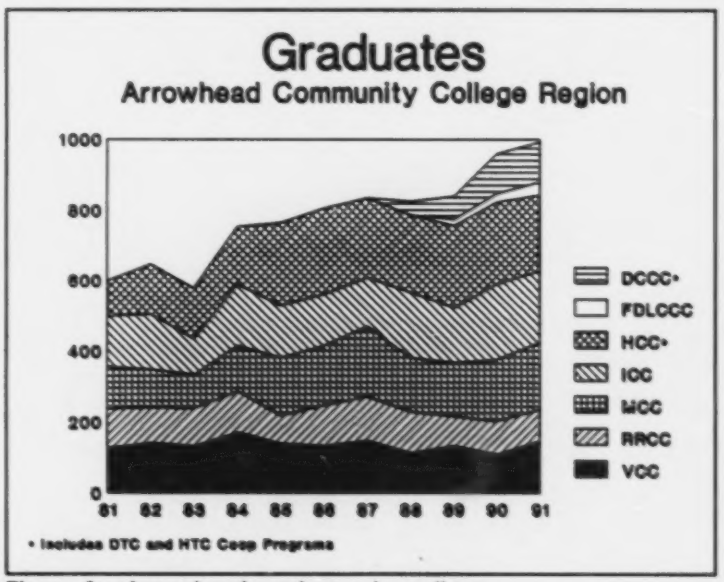

Figure 1. *Arrowhead graduates by college.*

ARROWHEAD GRADUATES

There were 993 graduates of Arrowhead colleges in 1991. Of these, 536 (54%) earned an Associate in Arts (AA) degree which is designed for students who plan to transfer to four-year colleges and universities. One hundred and four (11%) of Arrowhead graduates earned an Associate in Science (AS) degree from programs intended for students who plan to transfer to four-year institutions in a pre-professional program. Arrowhead colleges graduated 270 students (27%) with the Associate in Applied Science (AAS) degree which is designed for students enrolled in occupational programs who plan to seek employment after completing their specific career programs. However, a significant number of AAS degree recipients do elect to continue their education after receiving the AAS degree. Eighty-three (8%) Arrowhead graduates earned a one-year vocational certificate. Figure 2 shows the percentage and types of degrees earned by Arrowhead graduates.

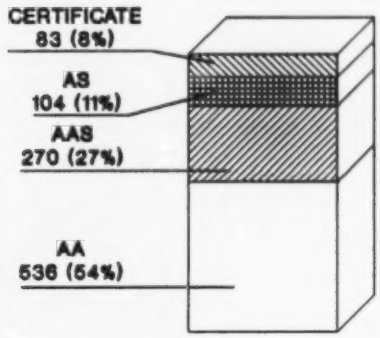

Figure 2. *Breakdown of degrees earned by the 993 Arrowhead graduates in 1991.*

AA DEGREE GRADUATES

With a 97% response rate, we found that 80.6 percent of Arrowhead graduates who earned an AA degree transferred to four-year colleges and universities. The institutions receiving the largest number of Arrowhead graduates were:

Bemidji State University	157 students
University of Minnesota, Duluth	53 students
St. Cloud State University	26 students
St. Scholastica	26 students
University of Wisconsin, Superior	26 students
University of Minnesota, Minneapolis	13 students

Of the graduates who earned an AA degree, 14.8 percent were employed at the time they were surveyed. The remaining 4.6 percent of the AA graduates declared their status to be homemaker (1.9%), unemployed (1.9%), in the armed services (.4%), or other (.4%). Figure 3 illustrates the status of AA degree graduates.

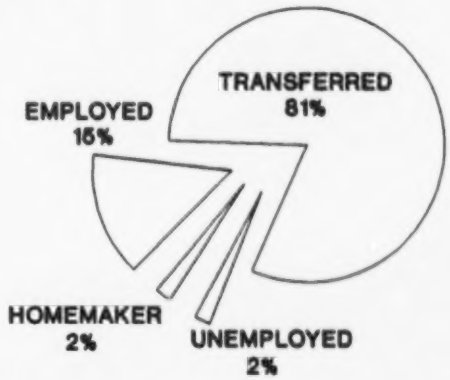

Figure 3. *Breakdown of Associates in Arts Degree (AA) graduates.*

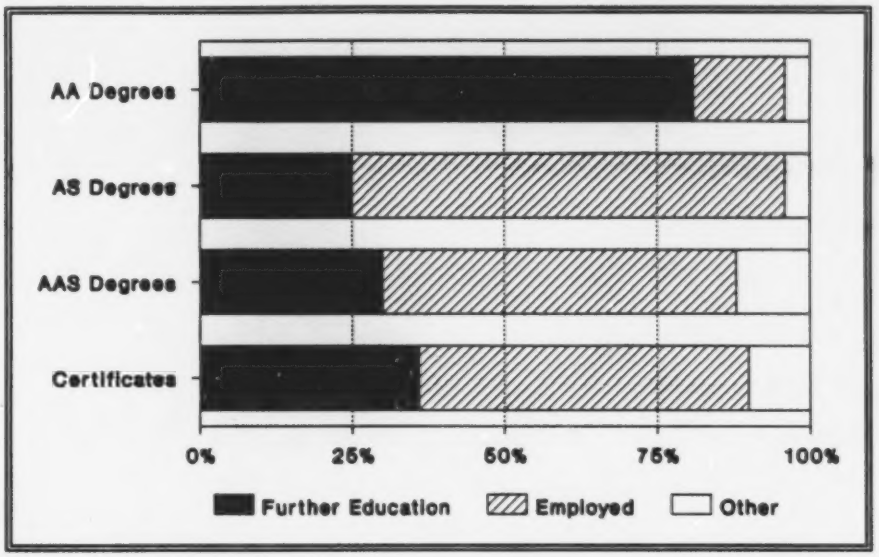

Figure 4. *Graduate breakdown by degree earned.* See Table 9 for analysis of "other".

AS, AAS AND CERTIFICATE GRADUATES

Survey information showed that, after completion of occupational programs, a high percentage of graduates of AS, AAS and one-year certificate programs either obtained employment or went on to further education. Thirty-six percent of the one-year certificate graduates continued with their education. Thirty percent of AAS recipients and 25% of AS degree program graduates pursued further education.

A full 94% of AS degree graduates who did not continue their education were employed in a job related to the education they received at Arrowhead colleges. The same was true for 80% of those graduates who earned a one-year certificate. In both groups, graduates said they were employed in jobs unrelated to their course of study (2% of AS and 10% of one-year graduates). Of AAS graduates, 67% found work in related areas, while 18% were employed in unrelated areas.

Of the graduates who were not continuing their education and were eligible for work, 96% with AS degrees, 90% with one-year certificates, and 85% with AAS degrees were employed.

PLACEMENT SURVEY RESULTS

Placement Survey questionnaires were sent to all Arrowhead graduates. 746 graduates returned the survey. A sample questionnaire is included in the Appendix.

Sixty-three percent of the respondents indicated they were students and listed the name of the college or university they were attending, as well as their major.

Over ninety percent of the students were attending colleges or universities full-time, taking 12 or more credits. Figure 5 illustrates the credit load of Arrowhead graduates who transferred to other institutions.

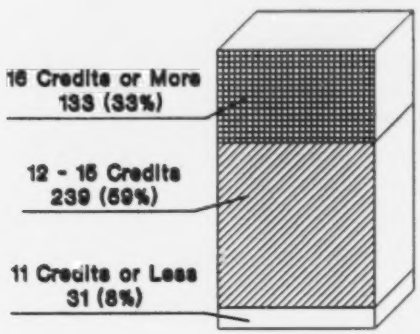

Figure 5. *The credit load of Arrowhead graduates who transferred to other institutions.*

EMPLOYMENT STATUS

Of those graduates responding to the survey, 434 or 58.2% listed the name of their employer and their job title. This information can be found in the Supplemental Report. Over 40% of employed graduates had found full-time work. Figure 6 shows the number of hours per week that they worked.

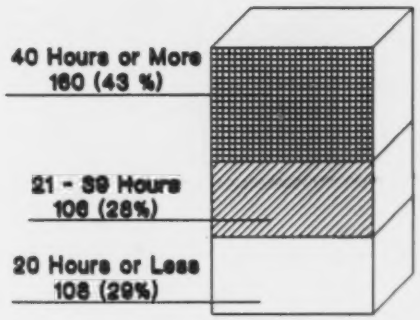

Figure 6. *Weekly hours worked by employed graduates.*

Of those responding, 43.7% indicated their jobs were seasonal or temporary.

The majority of the graduates (58.2%) indicated they obtained their job after leaving the college.

Over half (50.4%) of the respondents saw their job as being directly or closely related to the education they received at Arrowhead colleges.

Almost two-thirds (64.7%) indicated the education they received had been helpful or very helpful in their work. More than one-fourth (27.8%) indicated the question was not applicable.

Over three-quarters of the working graduates indicated they did not use any assistance from their college to find employment.

Over three-quarters of those responding indicated they did plan to further their education, while 19.3 percent were uncertain of their plans.

The Placement Survey questionnaire asked the respondents to describe their status if they were not enrolled as a student or employed. Sixty-seven graduates indicated this was their situation. Over half of the graduates who were not students or working indicated they were not able find employment. The options "do not want employment at this time", "homemaker" and "other" each were chosen by ten percent of this group.

WRITTEN COMMENTS

The final question gave graduates the opportunity to make comments or suggestions about their college. Many graduates wrote of their satisfaction with their college experience. Suggestions for improvements were also made. Provosts, Directors and Arrowhead Regional officers have copies of all written comments and complete survey results in a Supplemental Report.

SUMMARY

In 1991, 536 students (unduplicated headcount) earned an AA degree, 104 earned an AS degree, 270 earned an AAS degree, and 83 earned one-year certificates from a total of 993 graduates. The 993 graduates represent a 65.5% increase from the 600 graduates in 1981.

There was a 97% response rate to the placement follow-up which resulted in the following findings:

- ✓ 420 (80.6%) of the 521 surveyed who earned an AA degree are students continuing their education.
- ✓ The majority of the students continuing their education are enrolled at Bemidji State University (157), with UMD, St. Cloud State, St. Scholastica and UW-Superior also enrolling significant numbers of Arrowhead AA graduates.
- ✓ 25% of the AS graduates, 30% of the AAS graduates, and 36% of the one-year program graduates are students continuing their education.
- ✓ Of the AS degree graduates that are eligible for placement, 96% found jobs.
- ✓ Of the AAS degree graduates eligible for placement, 85% were placed.
- ✓ 90% of the graduates earning one-year degrees that are eligible for placement found employment.

ARROWHEAD COMMUNITY COLLEGE REGION
Graduates 1991
Unduplicated Headcount

FINAL REVISION
June 19, 1992

CAMPUS	A.A.			A.S.			A.A.S			1-YR CERTIFICATES			TOTAL GRADUATES		
	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL
HIBBING	35	86	121	13	74	87	55	63	118	0	2	2	103	225	328
Campus	32	74	106	11	40	51	4	12	16	0	2	2	47	128	175
Coop Prgrm: HTC	0	0	0	0	0	0	33	8	41	0	0	0	33	8	41
Duluth Ctr.	3	12	15	2	34	36	8	8	16	0	0	0	13	54	67
Coop. Prgrm.: DTC	0	0	0	0	0	0	10	35	45	0	0	0	10	35	45
ITASCA	42	59	101	2	1	3	18	35	53	3	41	44	65	136	201
MESABI	66	127	193	5	1	6	11	16	27	0	2	2	82	146	228
Campus	64	102	166	5	1	6	6	10	16	0	2	2	75	115	190
Fond du Lac	2	25	27	0	0	0	5	6	11	0	0	0	7	31	38
RAINY RIVER	20	31	51	0	3	3	1	7	8	5	23	28	26	64	90
VERMILION	36	34	70	3	2	5	47	17	64	1	6	7	87	59	146
TOTAL	199	337	536	23	81	104	132	138	270	9	74	83	363	630	993

ARROWHEAD COMMUNITY COLLEGE REGION
Follow-Up Summary
Associate in Arts Degree
1990-91 Graduates

FINAL REVISION
June 19, 1992

	Hibbing	Duluth Center	Itasca	Mesabi	FdL Center	Rainy River	Vermilion	TOTAL
Graduates	106	15	101	166	27	51	70	536
Survey Responses	103	15	97	162	23	51	70	521
Response %	97%	100%	96%	98%	85%	100%	100%	97%
Current Status:								
Student	73	11	89	131	15	42	59	420
Homemaker	4		1	1		4		10
Employed	23	3	7	22	6	5	11	77
Unemployed	3	1		4	2			10
Armed Service				2				2
Other				2				2
TOTAL	103	15	97	162	23	51	70	521

COLLEGES ATTENDING:

COLLEGE	NUMBER	COLLEGE	NUMBER
Anoka-Ramsey Community College	1	Minot State University	1
Anoka Technical College	1	Mount Scenario	1
Appalachian State University	1	Moorhead State University	8
Augsburg	3	North Dakota State University	2
Austin Community College	1	Northern College	1
Bemidji State	157	Northwestern College	1
Bemidji Technical College	1	Rainy River Community College	5
Bethel College	1	School of Communication Arts	1
Concordia, Moorhead	2	South Dakota State	1
Concordia, St Paul	1	Southwest State	1
Detroit Lakes Technical College	1	St. Cloud State University	26
Duluth Business University	1	St. Scholastica	26
Duluth Technical College	4	U of MN, Duluth	53
Edgewood College	2	U of MN, Minneapolis	13
Eveleth Technical College	3	U of MN, Morris	1
Fond du Lac College Center	5	U of ND, Grand Forks	7
Hamline	1	U of W, Eau Claire	2
Hibbing Community College	5	U of W, LaCrosse	1
Hibbing Technical College	2	U of W, River Falls	1
Itasca Community College	3	U of W, Stevens Point	2
Jamestown College	1	U of W, Stout	1
Luther College	1	U of W, Superior	26
Mankato State	11	Vermilion Community College	3
Mesabi Community College	6	Winona State University	3
Michigan Technical University	3		

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ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement Summary
1990–91 Graduates

Combined Campuses

FINAL REVISION
June 19, 1992

PROGRAM		Number of Graduates	Graduates Not Desiring Placement: Furthering Education Hd Cnt	%	Other * Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Unemployed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F ** Total Placed Hd Cnt	%
ONE YEAR PROGRAMS (16 programs)	1)	88	32	36%	4	5%	52	59%	2	4%	3	6%	5	10%	42	80%	47	90%
A.A.S. DEGREES (41 programs)	2)	202	60	30%	3	1%	139	69%	5	4%	16	11%	25	18%	93	67%	118	85%
A.S. DEGREES	3)	117	29	25%	2	2%	86	73%	3	4%			2	2%	81	94%	83	96%
		407	121	30%	9	2%	277	68%	10	4%	19	7%	32	11%	216	78%	248	89%

* Indicate: a) Personal enrichment, avocational or recreational (not under G.I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons

** Number of D + number of E / number of A = % of total placed

1) Includes 5 duplicate A.A. degrees
2) Includes 12 duplicate A.A. degrees and 6 duplicate A.S. degrees
3) Includes 13 duplicate A.A. degrees

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ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement
1990–91 Graduates

HIBBING
FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Further Education Hd Cnt	%	Other* Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Un-employed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F** Total Placed Hd Cnt	%	Range of Salaries
ON CAMPUS																		
ONE YEAR PROGRAMS																		
Clerical	1			1 (c)	100%													
Secretarial	1					1	100%	1	100%									
Subtotal	2			1	50%	1	50%	1	100%									
A.A.S. DEGREES																		
Comp. Aid Draft & Dsgn	14	5	36%	1 (b)	7%	8	57%					1 ***	12%	7	88%	8	100%	$5.00–8.50/HR
Secretarial–Medical	4					4	100%							4	100%	4	100%	$5.25–7.13/HR
Legal	2					2	100%			1	50%			1	50%	1	50%	$6.50/HR
Clerical	3					3	100%			1	33%			2	67%	2	67%	$4.70–5.76/HR
General	2	2	100%															
Subtotal 1)	25	7	28%	1	4%	17	68%			2	12%	1	6%	14	82%	15	88%	
A.S. DEGREES																		
Nursing	46			1 (c)	2%	45	98%	1	2%					44	98%	44	98%	$10.15–15.50/HR
Pre–professional	6	5	83%			1	17%	1	100%									
Comp. Aid Draft & Dsgn	6	1	17%	1 (b)	17%	4	66%							4	100%	4	100%	$5.50–8.50/HR
Subtotal 2)	58	6	10%	2	3%	50	87%	2	4%					48	98%	48	98%	
TOTAL (on campus)	85	13	15%	4	5%	68	80%	3	4%	2	3%	1	1%	62	92%	63	93%	
HIBBING TEC. COLLEGE COOPERATIVE PROGRAMS																		
Law Enforcement	40																	
Medical Lab. Tech.	1																	
TOTAL (Coop Prog.)	41	No statistics available from HTC																

*Indicate: a) Personal enrichment, avocational or recreational (not under G. I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)
– –Taking time off before seeking employment
– –Not seeking employment now–homemaker

1) Includes 3 duplicate A.A. degrees and 6 duplicate A.S. degrees
2) Includes 7 duplicate A.A. degrees

**Number of D + number of E / number of A = % of total placed

*** Working while waiting to hear from a school of architecture about acceptance

Hibbing (cont)

FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Furthering Education Hd Cnt	%	Other* Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Unemployed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F** Total Placed Hd Cnt	%	Range of Salaries
DULUTH CCC																		
A.A.S. DEGREES																		
Radiologic Tech	16	1	6%			15	94%							15	100%	15	100%	$8.40–11.00/HR
A.S. DEGREES																		
Nursing	36					36	100%	1	3%			2	6%	33	91%	35	97%	$10.00–14.00/HR
TOTAL (Duluth Center)	52	1	2%			51	98%	1	2%			2	4%	48	94%	50	98%	
DULUTH TEC. COLLEGE COOPERATIVE PROGRAMS																		
Accounting Tech	6																	
Medical Lab Tech	8																	
Physical Therapy Asst	6																	
Occupational Therapy Asst	19																	
Fire Technology	3																	
Productivity Tech	1																	
Sales Management	1																	
Computer Programmer	1																	
TOTAL (Coop Prog.)	45	No statistics available from DTC																
TOTAL ON CAMPUS & DULUTH	137	14	10%	4	3%	119	88%	4	3%	2	2%	3	3%	110	92%	113	95%	
TOTAL COOP PROGRAMS HIBBING & DULUTH	86																	

*Indicate: a) Personal enrichment, avocational or recreational (not under G.I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)

**Number of D + number of E / number of A = % of total placed

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ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement
1990–91 Graduates

ITASCA
FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Furthering Education Hd Cnt	%	Other* Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Unemployed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F** Total Placed Hd Cnt	%	Range of Salaries
ONE YEAR PROGRAMS																		
Accounting	6	3	50%			3	50%					1	33%	2	67%	3	100%	
Clerical	11	6	55%			5	45%							5	100%	5	100%	
LPN	20	11	55%			9	45%							9	100%	9	100%	$7.70/HR
Med. Recep	12	3	25%			9	75%							9	100%	9	100%	$8.00/HR
Secretarial																		
Subtotal 1)	49	23	47%			26	53%					1	4%	25	96%	26	100%	
A.A.S. DEGREES																		
Accounting	12	3	25%			9	75%			1	11%	2	22%	6	67%	8	89%	$5.00–9.50/HR
Forestry	10	6	60%			4	40%					1	25%	3	75%	4	100%	
Human Service	7	3	43%			4	57%			1	25%	1	25%	2	50%	3	75%	
Marketing/Mgmt	4	1	25%			3	75%					1	33%	2	67%	3	100%	
Secretarial Science																		
General/Admin Asst	1					1	100%							1	100%	1	100%	
Info Processing	2	1	50%			1	50%							1	100%	1	100%	
Acctg Secretary	1					1	100%							1	100%	1	100%	$680/MO
Legal Secretary	2	1	50%			1	50%							1	100%	1	100%	
Medical Secretary	4					4	100%			1	25%	1	25%	2	50%	3	75%	$6.00/HR
Professional Pilot	1					1	100%							1	100%	1	100%	
Ed. Interpreter	5					5	100%					1	20%	4	80%	5	100%	$380/WK
Legal Assistant	7	1	14%			6	86%			1	17%			5	83%	5	83%	$5.50–7.25/HR
Subtotal 2)	56	16	29%			40	71%			4	10%	7	17%	29	73%	36	90%	
A.S. DEGREES																		
Pre–engineering	3	3	100%															
TOTAL	108	42	39%			66	61%			4	6%	8	12%	54	82%	62	94%	

*Indicate:
a) Personal enrichment, avocational or recreational (not under G. I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)

**Number of D + number of E / number of A = % of total placed

1) Includes 5 duplicate A.A. degrees
2) Includes 3 duplicate A.A. degrees

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ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement
1990–91 Graduates

MESABI
FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Furthering Education Hd Cnt	%	Other* Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Unemployed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F** Total Placed Hd Cnt	%	Range of Salaries
ON CAMPUS																		
ONE YEAR PROGRAMS																		
Secretarial	2	1	50%			1	50%					1	100%			1	100%	$4.75/HR
A.A.S. DEGREES																		
Human Services	3	2	67%			1	33%	1	100%									
Law Enforcement	6	3	50%	1 (c)	17%	2	33%	1	50%			1	50%			1	50%	$4.25/HR
Market/Mgmt (AAS)	4	3	75%			1	25%					1	100%			1	100%	$6.85/HR
Secretarial	7	2	29%			5	71%	1	20%			2	40%	2	40%	4	80%	$5.00–7.80/HR
Computer Engr Tech	1					1	100%			1	100%							
Subtotal 1)	21	10	48%	1	4%	10	48%	3	30%	1	10%	4	40%	2	20%	6	60%	
A.S. DEGREES																		
Pre-professional 2)	10	10	100%															
TOTAL ON CAMPUS	33	21	64%	1	3%	11	33%	3	27%	1	9%	5	46%	2	18%	7	64%	

*Indicate:
a) Personal enrichment, avocational or recreational (not under G. I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)
--Enlisted in Air Force

**Number of D + number of E / number of A = % of total placed

1) Includes 5 duplicate AA degrees
2) Includes 4 duplicate AA degrees

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MESABI (continued)

FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Furthering Education Hd Cnt	%	Other* Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Unemployed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F** Total Placed Hd Cnt	%	Range of Salaries
FOND DU LAC CCC																		
A.A.S. DEGREES																		
Law Enforcement	6	1	17%			5	83%			2	40%	1	20%	2	40%	3	60%	4.25+/HR
Chemical Dependency	5	2	40%			3	60%	1	33%					2	67%	2	67%	
TOTAL (Fond du Lac)	11	3	27%			8	73%	1	13%	2	24%	1	13%	4	50%	5	63%	
TOTAL ON CAMPUS AND FOND DU LAC	44	24	55%	1	2%	19	43%	4	21%	3	15%	6	32%	6	32%	12	64%	

*Indicate:
a) Personal enrichment, avocational or recreational (not under G. I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)

**Number of D + number of E / number of A = % of total placed

ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement
1990–91 Graduates

RAINY RIVER
FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Furthering Education Hd Cnt	%	Other* Hd Cnt	%	A Eligible For Placement Hd Cnt	%	B Unknown Status Hd Cnt	%	C Unemployed Hd Cnt	%	D Unrelated Placement Hd Cnt	%	E Related Placement Hd Cnt	%	F** Total Placed Hd Cnt	%	*** Range of Salaries
ONE YEAR PROGRAMS																		
Practical Nursing	13	1	8%	1 (c)	8%	11	84%	1	9%			1	9%	9	82%	10	91%	$6.00–9.00/HR
Account Clerk	3			1 (c)	33%	2	67%					1	50%	1	50%	2	100%	$5.00–6.00/HR
Clerical	4					4	100%							4	100%	4	100%	$6.00/HR
Secretarial	3					3	100%					1	33%	2	67%	3	100%	$6.00/HR
Marine & Small Engine	5	2	40%	1 (a)	20%	2	40%			1	50%			1	50%	1	50%	$6.00–8.00/HR
Subtotal	28	3	11%	3	11%	22	78%	1	5%	1	5%	3	14%	17	76%	20	90%	
A.A.S. DEGREES																		
Accounting Tech	2					2	100%					1	50%	1	50%	2	100%	$8.00–9.00/HR
Human Services	3					3	100%			1	33%	1	33%	1	33%	2	67%	$5.00–7.00/HR
Business Mach/Comp Tech	2	1	50%			1	50%							1	100%	1	100%	$9.00/HR
Office Automation	2					2	100%							2	100%	2	100%	$6.00–9.00/HR
Subtotal 1)	9	1	11%			8	89%			1	13%	2	25%	5	62%	7	87%	
A.S.																		
Pre–professional	3	3	100%															
Human Services	2	2	100%															
Subtotal 2)	5	5	100%															
TOTAL	42	9	22%	3	7%	30	71%	1	3%	2	7%	5	17%	22	73%	27	90%	

*Indicate:
a) Personal enrichment, avocational or recreational (not under G. I. Bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)
-- Home with infant

**Number of D + number of E / number of A = % of total placed

***Range of salaries only for related placements

1) Includes 1 duplicate A.A. degree
2) Includes 2 duplicate A.A. degrees

ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement
1990-91 Graduates

VERMILION
FINAL REVISION
June 19, 1992

PROGRAM	Number of Graduates	Graduates Not Desiring Placement: Furthering Educaton Hd Cnt	%	Other* Hd Cnt	%	A: Eligible For Placement Hd Cnt	%	B: Unknown Status Hd Cnt	%	C: Unemployed Hd Cnt	%	D: Unrelated Placement Hd Cnt	%	E: Related Placement Hd Cnt	%	F**: Total Placed Hd Cnt	%	Range of Salaries
ONE YEAR PROGRAMS																		
Secretarial	5	4	80%			1	20%			1	100%							
Clerical	1	1	100%															
Wilderness Pilot	1					1	100%			1	100%							
Subtotal	7	5	71%			2	29%			2	100%							
A.A.S. DEGREES																		
Parks & Recreation																		
Law Enforcement	3	1	33%			2	67%			1	50%	1	50%			1	50%	$8.48/HR
Interpretive	1					1	100%			1	100%							
Park Ranger Option	2					2	100%					1	50%	1	50%	2	100%	$6.88-7.50/HR
Natural Resources																		
Law Enforcement	15	9	60%			6	40%	1	17%	2	33%	1	17%	2	33%	3	50%	$6.00-11.55/YR
Forestry Mgmt & Wildlife Option	20	8	40%			12	60%					4	33%	8	67%	12	100%	$6.00-9.00/HR
Information Processing																		
Clerical	1	1	100%															
Secretarial	3	1	33%			2	67%			1	50%			1	50%	1	50%	$5.50/HR
Accounting	4					4	100%					1	25%	3	75%	4	100%	$5.00-6.30/HR
Water Resources Tech																		
Pollution Control	6					6	100%			1	17%			5	83%	5	83%	$7.00-10.70/HR
Hydrology	1					1	100%							1	100%	1	100%	$10.70/HR
Professional Pilot	1	1	100%															
Law Enforcement																		
Criminal Justice	7	1	14%	1 (c)	14%	5	72%					2	40%	3	60%	5	100%	$5.00-8.58/HR
Subtotal	64	22	34%	1	2%	41	64%	1	2%	6	15%	10	24%	24	59%	34	83%	
A.S. DEGREES																		
Pre-professional	5	5	100%															
TOTAL	76	32	42%	1	1%	43	57%	1	2%	8	19%	10	23%	24	56%	34	79%	

* Indicate:
a) Personal enrichment, avocational or recreational (not under G.I. bill)
b) Unwilling to move to new locality
c) Other valid reasons (please explain)
-- Deceased

** Number of D + number of E / number of A = % of total placed

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ARROWHEAD COMMUNITY COLLEGE REGION
Occupational Program Placement
1990–91 Graduates
Colleges Attending

FINAL REVISION
June 19, 1992

COLLEGE	NUMBER
Bemidji State University	10
Brainerd Community College	1
Duluth Technical College	1
Eveleth Technical College	1
Hamline University	1
Hibbing Community College	9
Hibbing Technical College	1
Itasca Community College	18
Mesabi Community College	8
Michigan Technical University	1
Minot State University	1
Montana State University	1
North Dakota State University	1
Rainy River Community College	1
South Dakota State University	2
St. Cloud State University	2
St. Scholastica	4
University of Minnesota, Duluth	5
University of Minnesota, Minneapolis	6
University of Montana	1
University of North Dakota, Grand Forks	2
University of Wisconsin, Stevens Point	6
University of Wisconsin, Stout	1
University of Wisconsin, Superior	3
Vermilion Community College	13
Worthington Community College	1

APPENDIX

Table 1 Q. 3. How many credits are you taking this term?

Table 2 Q. 6. How many hours a week do you work?

Table 3 Q. 7. What is the condition of your employment?

Table 4 Q. 9. When did you begin working for your present employer?

Table 5 Q. 10. Is your present job related to the education you received at the college?

Table 6 Q. 11. How helpful (valuable) has the education you received at the college been in your work?

Table 7 Q. 12. Was the job placement assistance you received from the college helpful in finding employment?

Table 8 Q. 13. Do you plan to continue your education in the future?

Table 9 Q. C. If you are not a student and you are not employed, please state why:

Student Survey Questionnaire

Table 1

Q. 3. How many credits are you taking this term?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
Less than 6 credits		3 20.0%	3 4.0%	1 2.9%	4 2.9%		1 1.2%	12 3.0%
6 - 8 credits	2 15.4%	2 13.3%	1 1.3%		2 1.4%	3 6.5%	1 1.2%	11 2.7%
9 - 11 credits		1 6.7%	2 2.7%	2 5.9%	2 1.4%		1 1.2%	8 2.0%
12 - 15 credits	11 84.6%	6 40.0%	51 68.0%	20 58.8%	84 60.9%	28 60.9%	39 47.6%	239 59.3%
More than 15 credits		3 20.0%	18 24.0%	11 32.4%	46 33.3%	15 32.6%	40 48.8%	133 33.0%
Respondents	13	15	75	34	138	46	82	403

Table 2

Q. 6. How many hours a week do you work?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
10 hours or less	1 2.1%	3 17.6%	1 1.3%	4 11.8%	22 24.4%	1 3.0%	3 4.2%	35 9.4%
11 - 20 hours	3 6.3%	3 17.6%	11 13.8%	9 26.5%	30 33.3%	6 18.2%	11 15.3%	73 19.5%
21 - 30 hours	13 27.1%	3 17.6%	22 27.5%	6 17.6%	14 15.6%	8 24.2%	8 11.1%	74 19.8%
31 - 39 hours	11 22.9%	3 17.6%	2 2.5%	2 5.9%	6 6.7%	2 6.1%	6 8.3%	32 8.6%
40 hours	19 39.6%	4 23.5%	42 52.5%	11 32.4%	14 15.6%	12 36.4%	38 52.8%	140 37.4%
More than 40 hours	1 2.1%	1 5.9%	2 2.5%	2 5.9%	4 4.4%	4 12.1%	6 8.3%	20 5.3%
Respondents	48	17	80	34	90	33	72	374

Table 3

Q. 7. What is the condition of your employment?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
Permanent	50 89.3%	11 55.0%	58 70.7%	22 57.9%	38 41.8%	20 58.8%	25 32.5%	224 56.3%
Seasonal			7 8.5%	2 5.3%	13 14.3%	8 23.5%	17 22.1%	47 11.8%
Temporary	6 10.7%	9 45.0%	17 20.7%	14 36.8%	40 44.0%	6 17.6%	35 45.5%	127 31.9%
Respondents	56	20	82	38	91	34	77	398

Table 4

Q. 9. When did you begin working for your present employer?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
Before attending the college	12 23.1%	5 33.3%	19 24.4%	8 20.5%	21 23.1%	3 7.9%	13 16.9%	81 20.8%
While attending the college	14 26.9%	3 20.0%	16 20.5%	8 20.5%	21 23.1%	6 15.8%	14 18.2%	82 21.0%
After leaving the college	26 50.0%	7 46.7%	43 55.1%	23 59.0%	49 53.8%	29 76.3%	50 64.9%	227 58.2%
Respondents	52	15	78	39	91	38	77	390

Table 5

Q. 10. Is your present job related to the education you received at the college?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
Directly related	43 81.1%	5 29.4%	52 60.5%	12 30.0%	5 5.4%	13 33.3%	22 28.2%	152 37.5%
Closely related	2 3.8%	2 11.8%	6 7.0%	6 15.0%	14 15.2%	12 30.8%	10 12.8%	52 12.8%
Not related	8 15.1%	10 58.8%	28 32.6%	22 55.0%	73 79.3%	14 35.9%	46 59.0%	201 49.6%
Respondents	53	17	86	40	92	39	78	405

Table 6

Q. 11. How helpful (valuable) has the education you received at the college been in your work?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
Very helpful	46 86.8%	6 40.0%	30 50.0%	11 26.8%	18 19.1%	11 84.6%	22 26.2%	144 40.0%
Helpful	4 7.5%	4 26.7%	16 26.7%	14 34.1%	27 28.7%	2 15.4%	22 26.2%	89 24.7%
Not helpful	1 1.9%		1 1.7%	4 9.8%	10 10.6%		11 13.1%	27 7.5%
Not applicable	2 3.8%	5 33.3%	13 21.7%	12 29.3%	39 41.5%		29 34.5%	100 27.8%
Respondents	53	15	60	41	94	13	84	360

Table 7

Q. 12. Was the job placement assistance you received from the college helpful in finding employment?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Vermilion	Arrowhead
Very helpful	2 9.5%	1 20.0%	2 3.8%	4 10.5%	4 3.6%	9 10.8%	22 7.1%
Helpful			3 5.8%	2 5.3%	2 1.8%	8 9.6%	15 4.8%
Not helpful	1 4.8%		5 9.6%	1 2.6%	10 9.0%	14 16.9%	31 10.0%
Did not use any assistance	18 85.7%	4 80.0%	42 80.8%	31 81.6%	95 85.6%	52 62.7%	242 78.1%
Respondents	21	5	52	38	111	83	310

Table 8

Q. 13. Do you plan to continue your education in the future?

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Vermilion	Arrowhead
Yes	12 52.2%	9 75.0%	44 73.3%	29 63.0%	114 87.0%	71 74.7%	279 76.0%
No	3 13.0%		2 3.3%	2 4.3%	4 3.1%	6 6.3%	17 4.6%
Not sure at this time	8 34.8%	3 25.0%	14 23.3%	15 32.6%	13 9.9%	18 18.9%	71 19.3%
Respondents	23	12	60	46	131	95	367

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Table 9

Q. C. If you are not a student and you are not employed, please state why:

(Count and percentage by college)

	Duluth	Fond du Lac	Hibbing	Itasca	Mesabi	Rainy River	Vermilion	Arrowhead
I am unable to find employment	2 66.7%	3 75.0%	4 33.3%	4 66.7%	6 46.2%	5 45.5%	12 66.7%	36 53.7%
I do not want employment at this time			1 8.3%	2 33.3%	1 7.7%	2 18.2%	1 5.6%	7 10.4%
I am unable to relocate at this time			1 8.3%		3 23.1%	1 9.1%		5 7.5%
I am a homemaker			6 50.0%			1 9.1%	1 5.6%	8 11.9%
I am in the Armed Services					1 7.7%		3 16.7%	4 6.0%
Other	1 33.3%	1 25.0%			2 15.4%	2 18.2%	1 5.6%	7 10.4%
Respondents	3	4	12	6	13	11	18	67

PLACEMENT SURVEY

This survey is sent to all graduates of the college. A confidential summary is prepared from it, and used to inform current students about the job market as well as to discover what our graduates are doing and what they have achieved. Your participation in this survey is appreciated. Please write-in or mark your replies to the following questions and mail the form back to the College as soon as you can.

A. If you are currently a student:

1. What is the name of the school you currently attend or plan to attend? _____
2. What is your major field of study? _____
3. How many credits are you taking this term? _____

B. And/or if you are currently employed:

4. What is the name of your employer? _____
5. What is your job title? _____
6. How many hours a week do you work? _____
7. What is the condition of your employment?

   __ Temporary
   __ Permanent
   __ Seasonal

8. What are your present wages before deductions, either per hour, week or month?

   $____ per hour or $____ per week or $____ per month

9. When did you begin working for your present employer?

   __ a. Before attending the college.
   __ b. While attending the college
   __ c. After leaving the college.

10. Is your present job related to the education you received at the college?

    __ a. Yes, directly related.
    __ b. Yes, closely related.
    __ c. No, not related.

11. How helpful (valuable) has the education you received at the college been in your work?

    __ a. Very helpful
    __ b. Helpful
    __ c. Not helpful
    __ d. Not applicable

[OVER]

12. Was the job placement assistance you received from the college helpful in finding employment?

__ a. Very helpful
__ b. Helpful
__ c. Not helpful
__ d. Did not use any assistance

13. Do plan to further your education in the future?

__ a. Yes __ b. No __ c. Not sure at this time

C. If you are *not a student* and you are *not employed, please state why:*

__ 1. I am unable to find employment.
__ 2. I do not want employment at this time.
__ 3. I am unable to relocate for employment at this time.
__ 4. I am a homemaker.
__ 5. I am in the Armed Services.
__ 6. I attended the college for personal enrichment only.
__ 7. Other(please explain) _____

_____

D. You are welcome to make any comments or suggestions about the college below.

_____

_____

_____

_____

_____

_____

_____

THAT'S IT! THANKS AGAIN FOR PARTICIPATING IN THE SURVEY.

[OFFICE USE ONLY: _____ / _____ / _____]